

=ACTIVATE(Bidder_file_name)
=SELECT(!Bids)
=COPY()

=ACTIVATE("Check Template")
=SELECT(!Bids)
=PASTE.SPECIAL(3,1,FALSE,FALSE)

Copy bidder's eligibility data to "Check Template"
=ACTIVATE("Eligibility Sheet")

Find bidder's eligibility data
=SELECT(!Headings)
=FORMULA.FIND(Bidder_name,2,2,1,1,FALSE)
=DEFINE.NAME("Eligibility_column",ACTIVE.CELL())

Copy bidder's eligibility for licenses and MHz
=SELECT(OFFSET(ACTIVE.CELL(),2,0,24,2))
=COPY()
=ACTIVATE("Check Template")
=SELECT(!Eligibility)
=PASTE.SPECIAL(3,1,FALSE,FALSE)

Copy bidder's past waiver use data
=ACTIVATE("Eligibility Sheet")
=SELECT(OFFSET(!Eligibility_column,26,0,2,1))
=COPY()
=ACTIVATE("Check Template")
=SELECT(!Past_Waivers)
=PASTE.SPECIAL(3,1,FALSE,FALSE)

Copy bidder's past MHz-pop eligibility data
=ACTIVATE("Eligibility Sheet")
=SELECT(OFFSET(!Eligibility_column,28,0,2,1))
=COPY()
=ACTIVATE("Check Template")
=SELECT(!Past_MHzpop)
=PASTE.SPECIAL(3,1,FALSE,FALSE)

Copy the bid check report from "Check Template" to status report in "FCC Main Shee"
=SELECT(!BID_CHECK_REPORT)
=COPY()

```
=ACTIVATE("FCC Main Sheet")  
=SELECT(!Status_Report)  
=PASTE.SPECIAL(3,1,FALSE,FALSE)  
=MESSAGE(FALSE,"")  
=ECHO(TRUE)
```

Print status message

```
=SELECT(!Status_Bar)  
=FORMULA("SUBMISSION CHECK COMPLETED.")  
=GOTO(B106)
```

If the bidder changed his mind cancel checking

```
=ACTIVATE("FCC Main Sheet")  
=SELECT(!Status_Bar)  
=FORMULA("SELECT FUNCTION")  
=SELECT(OFFSET(ACTIVE.CELL(),-1,0,1,1))  
=FORMULA("PCS Spectrum Auction")
```

```
=RETURN()
```

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Macro merges submission into the FCC Main Sheet.
Activated by clicking the Merge Submission button.

MMerge (m)
Merges Submission

Alert user if no checked submission available in memory
=IF(ISBLANK(!Overall_Check),IF(ALERT("No checked bid available. Select Check Submission."),GOTO(C80)))

Alert user if submission is not rule conforming
=IF(!Overall_Check="O.K.",IF(ALERT("This bid violates the rules of auction. Merge anyway?",1)=TRUE,,GOTO(C80)))

Submission is rule conforming -- merge

Clear status report
=SELECT(!Status_Report)
=CLEAR()

Print status message
SELECT(!Status_Bar)
FORMULA("MERGING SUBMISSION.")

=ECHO(FALSE)
=MESSAGE(TRUE,"Merging submission.")

Copy bids from "Check Template" to "FCC Main Sheet"
=ACTIVATE("Check Template")
=SELECT(!Bids)
=COPY()

=ACTIVATE("FCC Main Sheet")
=SELECT(!Headings)
=FORMULA.FIND(Bidder_name,2,2,1,1,FALSE)
=SELECT(OFFSET(ACTIVE.CELL(),1,0,1,1))
=PASTE.SPECIAL(3,1,FALSE,FALSE)

Copy bidder's new MHz-pop eligibility to the Eligibility Sheet
=ACTIVATE("Check Template")
=SELECT(!New_PopMHz)
=COPY()

=ACTIVATE("Eligibility Sheet")
=SELECT(OFFSET(!Eligibility_column,29,0,1,1))
=PASTE.SPECIAL(3,1,FALSE,FALSE)

Update bidder's waiver history
=COPY(OFFSET(ACTIVE.CELL(),-2,0,1,1))
=PASTE(OFFSET(ACTIVE.CELL(),-3,0,1,1))

Copy waiver request data to Eligibility Sheet

=ACTIVATE("Check Template")

=SELECT(!Waiver)

=COPY()

=ACTIVATE("Eligibility Sheet")

=SELECT(OFFSET(ACTIVE.CELL(),-2,0,1,1))

=PASTE.SPECIAL(3,1,FALSE,FALSE)

Print status message

=ACTIVATE("FCC Main Sheet")

=SELECT(!Status_Bar)

=FORMULA("SUBMISSION MERGED.")

=MESSAGE(FALSE,"")

=ECHO(TRUE)

=GOTO(C80)

If no checked submission in memory

=SELECT(!Status_Bar)

=FORMULA("SELECT FUNCTION")

=SELECT(OFFSET(ACTIVE.CELL(),-1,0,1,1))

=FORMULA("PCS Spectrum Auction")

=RETURN()

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Macro generates the official report and prompts the user to update the FCC Main Sheet for the next round of bidding. Activated by clicking the Generate Report button.

MReport (n)
Generates the official report

Print Status Message
=SELECT(!Status_Report)
=CLEAR()
=SELECT(!Status_Bar)
=FORMULA("GENERATING OFFICIAL REPORT.")
=SELECT(OFFSET(!Status_Bar,-1,0,1,1))
=FORMULA("PCS Spectrum Auction")
=ECHO(FALSE)
=MESSAGE(TRUE,"Generating Official Report.")

Remove shading in the table of the Official Report
=ACTIVATE("Report Form")
=SELECT(!Table)
=PATTERNS(0,0,0)
=FORMAT.FONT(,FALSE,,,,,)

Shade licenses whose high bids have increased in this round
=FOR.CELL("new_high",!High_Bids,TRUE)
=IF(new_high=OFFSET(new_high,0,-4,1,1),GOTO(D32),)
=SELECT(OFFSET(new_high,0,-10,1,13))
=PATTERNS(18,0,0)
=FORMAT.FONT(,TRUE,,,,,)
=NEXT()

Print Official Report
=PRINT?()

Return to Driver and print status message
=ACTIVATE("FCC Main Sheet")
=ECHO(TRUE)
=MESSAGE(FALSE,"")
=SELECT(!Status_Bar)
=FORMULA("REPORT GENERATED.")

Update Main Sheet?

=IF(ALERT("Update Main Sheet for the next round of bidding?",1)=FALSE,GOTO(D94),)

=SELECT(!Status_Bar)

=FORMULA("UPDATING MAIN SHEET.")

=ECHO(FALSE)

Advance round counter

=SELECT(!Bidding_Round)

=FORMULA(TEXT(1+GET.CELL(5),"0"))

Update auction phase

=SELECT(!Auction_Phase)

=COPY()

=SELECT(!Auction_Phase_Last)

=PASTE.SPECIAL(3,1,FALSE,FALSE)

Save the current round activity level into the last round activity level cell

=SELECT(!Current_Activity)

=COPY()

=SELECT(!Last_Round_Activity)

=PASTE.SPECIAL(3,1,FALSE,FALSE)

Update history of activity on all licenses

=COPY(!Active_Last,!Active_2Previous)

=SELECT(!Active_Current)

=COPY()

=SELECT(!Active_Last)

=PASTE.SPECIAL(3,1,FALSE,FALSE)

Save new high bids as current high bids

=SELECT(!New_Highs)

=COPY()

=SELECT(!Current_High_bids)

=PASTE.SPECIAL(3,1,FALSE,FALSE)

Clear all individual bids

=SELECT(!All_Bids)

=CLEAR(3)

Save updated worksheets

[not appropriate in this illustration]

=SELECT(!Status_Bar)

=FORMULA("WORKSHEET UPDATED.")

=ECHO(TRUE)

=RETURN()

PCS Spectrum Auction Bidding Sheet

Version 1.0 © 1993 Pacific Bell

Bidder: American Comm.
Waiver Request: No

BID CHECK REPORT

Auction Phase: 1
Multiplier: 3.0
Activity Level: 417

OVERALL O.K.
Minimum increment rule: O.K.
Bidding eligibility: O.K.
MHz limit rule: O.K.
Waiver use rule: O.K.
Activity level: O.K.
MHz-pop eligibility: Unchanged.

Pop/MHz Eligibility		Waiver Used	
Initial	452	2nd Previous	No
Current round	452	Previous	No
Next round	452	Current	No

									American Comm.				Warning Messages		
									Current						
									MHz Limit	Total MHz					
									in Service	in Service					
									Area	Area					
									New Bid						
License	Band	Contained in MTA	Bandwidth (MHz)	POPs (thousands)	Reserve Price	Current High Bid	Identity of High Bidder	Minimum Qualifying Bid	Eligible to Bid	MHz Limit in Service Area	Total MHz in Service Area	New Bid	Qualifying Bid Check	Eligibility Check	MHz Limit in Service Area Check
MTA 1	A		30	3,500	\$5,250,000	\$6,400,000	Vienna Telephone	\$6,720,000	Y						
MTA 1	B		30	3,500	\$5,250,000	\$6,200,000	Microwave Tech.	\$6,510,000	Y	30	0				
MTA 2	A		30	7,800	\$11,700,000	\$16,500,000	Vienna Telephone	\$17,325,000	Y						
MTA 2	B		30	7,800	\$11,700,000	\$15,400,000	American Comm.	\$16,170,000	Y	30	30				
BTA 11	C	1	20	2,000	\$2,000,000	\$2,100,000	Telecom Ventures	\$2,205,000	N						
BTA 11	D	1	10	2,000	\$1,000,000	\$1,100,000	Ashley Telephone	\$1,155,000	N						
BTA 11	E	1	10	2,000	\$1,000,000	\$1,050,000	Vienna Telephone	\$1,102,500	Y			\$1,200,000			
BTA 11	F	1	10	2,000	\$1,000,000	\$1,025,000	Microwave Tech.	\$1,076,250	Y			\$1,100,000			
BTA 11	G	1	10	2,000	\$1,000,000	\$1,025,000	American Comm.	\$1,076,250	Y	40	30				
BTA 12	C	1	20	1,500	\$1,500,000	\$1,600,000	Telecom Ventures	\$1,680,000	N						
BTA 12	D	1	10	1,500	\$750,000	\$850,000	Ashley Telephone	\$892,500	N						
BTA 12	E	1	10	1,500	\$750,000	\$850,000	Microwave Tech.	\$892,500	Y			\$900,000			
BTA 12	F	1	10	1,500	\$750,000	\$825,000	American Comm.	\$866,250	Y						
BTA 12	G	1	10	1,500	\$750,000	\$800,000	American Comm.	\$840,000	Y	40	30				
BTA 21	C	2	20	4,000	\$4,000,000	\$4,300,000	Ashley Telephone	\$4,515,000	N						
BTA 21	D	2	10	4,000	\$2,000,000	\$2,800,000	Telecom Ventures	\$2,940,000	N						
BTA 21	E	2	10	4,000	\$2,000,000	\$2,200,000	American Comm.	\$2,310,000	Y						
BTA 21	F	2	10	4,000	\$2,000,000			\$2,000,000	Y						
BTA 21	G	2	10	4,000	\$2,000,000	\$2,750,000	Microwave Tech.	\$2,887,500	Y	40	40				
BTA 22	C	2	20	3,800	\$3,800,000	\$4,200,000	Ashley Telephone	\$4,410,000	N						
BTA 22	D	2	10	3,800	\$1,900,000			\$1,900,000	N						
BTA 22	E	2	10	3,800	\$1,900,000	\$2,300,000	American Comm.	\$2,415,000	Y						
BTA 22	F	2	10	3,800	\$1,900,000	\$2,200,000	Vienna Telephone	\$2,310,000	Y						
BTA 22	G	2	10	3,800	\$1,900,000	\$1,950,000	Microwave Tech.	\$2,047,500	Y	40	40				

PCS Spectrum Auction Bidding Sheet

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Bidder: Ashley Telephone
Waiver Request: No

Auction Phase: 1
Multiplier: 3.0
Activity Level: 336

Pop/MHz Eligibility

Initial 452
Current round 452
Next round 452

Waiver Used

2nd Previous No
Previous No
Current No

BID CHECK REPORT

OVERALL O.K.
Minimum increment rule: O.K.
Bidding eligibility: O.K.
MHz limit rule: O.K.
Waiver use rule: O.K.
Activity level: O.K.
MHz-pop eligibility: Unchanged.

License	Band	Contained in MTA	Bandwidth (MHz)	POPs (thousands)	Reserve Price	Current High Bid	Identity of High Bidder	Minimum Qualifying Bid	Eligible to Bid	MHz Limit in Service Area	Current Total MHz in Service Area	New Bid	Qualifying Bid Check	Eligibility Check	MHz Limit in the Service Area Check
MTA 1	A		30	3,500	\$5,250,000	\$6,400,000	Vienna Telephone	\$6,720,000	Y						
MTA 1	B		30	3,500	\$5,250,000	\$6,200,000	Microwave Tech.	\$6,510,000	Y	30	30	\$6,600,000			
MTA 2	A		30	7,800	\$11,700,000	\$16,500,000	Vienna Telephone	\$17,325,000	Y						
MTA 2	B		30	7,800	\$11,700,000	\$15,400,000	American Comm.	\$16,170,000	Y	30	0				
BTA 11	C	1	20	2,000	\$2,000,000	\$2,100,000	Telecom Ventures	\$2,205,000	Y						
BTA 11	D	1	10	2,000	\$1,000,000	\$1,100,000	Ashley Telephone	\$1,155,000	Y						
BTA 11	E	1	10	2,000	\$1,000,000	\$1,050,000	Vienna Telephone	\$1,102,500	Y						
BTA 11	F	1	10	2,000	\$1,000,000	\$1,025,000	Microwave Tech.	\$1,076,250	Y						
BTA 11	G	1	10	2,000	\$1,000,000	\$1,025,000	American Comm.	\$1,076,250	Y	40	40				
BTA 12	C	1	20	1,500	\$1,500,000	\$1,600,000	Telecom Ventures	\$1,680,000	Y						
BTA 12	D	1	10	1,500	\$750,000	\$850,000	Ashley Telephone	\$892,500	Y						
BTA 12	E	1	10	1,500	\$750,000	\$850,000	Microwave Tech.	\$892,500	Y						
BTA 12	F	1	10	1,500	\$750,000	\$825,000	American Comm.	\$866,250	Y						
BTA 12	G	1	10	1,500	\$750,000	\$800,000	American Comm.	\$840,000	Y	40	40				
BTA 21	C	2	20	4,000	\$4,000,000	\$4,300,000	Ashley Telephone	\$4,515,000	Y						
BTA 21	D	2	10	4,000	\$2,000,000	\$2,800,000	Telecom Ventures	\$2,940,000	Y						
BTA 21	E	2	10	4,000	\$2,000,000	\$2,200,000	American Comm.	\$2,310,000	Y						
BTA 21	F	2	10	4,000	\$2,000,000			\$2,000,000	Y			\$2,050,000			
BTA 21	G	2	10	4,000	\$2,000,000	\$2,750,000	Microwave Tech.	\$2,887,500	Y	40	30				
BTA 22	C	2	20	3,800	\$3,800,000	\$4,200,000	Ashley Telephone	\$4,410,000	Y						
BTA 22	D	2	10	3,800	\$1,900,000			\$1,900,000	Y			\$1,900,000			
BTA 22	E	2	10	3,800	\$1,900,000	\$2,300,000	American Comm.	\$2,415,000	Y						
BTA 22	F	2	10	3,800	\$1,900,000	\$2,200,000	Vienna Telephone	\$2,310,000	Y						
BTA 22	G	2	10	3,800	\$1,900,000	\$1,950,000	Microwave Tech.	\$2,047,500	Y	40	30				

PCS Spectrum Auction Bidding Sheet

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Bidder: Microwave Tech.
Waiver Request: No

BID CHECK REPORT

Auction Phase: 1
Multiplier: 3.0
Activity Level: 452

OVERALL

Minimum increment rule:
Bidding eligibility:
MHz limit rule:
Waiver use rule:
Activity level:
MHz-pop eligibility

Rules violated.

Violated.
Violated.
Violated.
O.K.
Violated.
Unchanged.

Pop/MHz Eligibility

Initial 218
Current round 218
Next round 218

Waiver Used

2nd Previous No
Previous No
Current No

									Microwave Tech.				Warning Messages		
									Current						
									MHz Limit	Total MHz			MHz Limit in		
									in Service	in Service			the Service Area		
License	Band	Contained in MTA	Bandwidth (MHz)	POPs (thousands)	Reserve Price	Current High Bid	Identity of High Bidder	Minimum Qualifying Bid	Eligible to Bid	Area	Area	New Bid	Qualifying Bid Check	Eligibility Check	Check
MTA 1	A		30	3,500	\$5,250,000	\$6,400,000	Vienna Telephone	\$6,720,000	Y						
MTA 1	B		30	3,500	\$5,250,000	\$6,200,000	Microwave Tech.	\$6,510,000	Y	30	30				
MTA 2	A		30	7,800	\$11,700,000	\$16,500,000	Vienna Telephone	\$17,325,000	N			no bid	Enter dollar amount.		
MTA 2	B		30	7,800	\$11,700,000	\$15,400,000	American Comm.	\$16,170,000	N	0	0				
BTA 11	C	1	20	2,000	\$2,000,000	\$2,100,000	Telecom Ventures	\$2,205,000	N						
BTA 11	D	1	10	2,000	\$1,000,000	\$1,100,000	Ashley Telephone	\$1,155,000	N						
BTA 11	E	1	10	2,000	\$1,000,000	\$1,050,000	Vienna Telephone	\$1,102,500	Y						
BTA 11	F	1	10	2,000	\$1,000,000	\$1,025,000	Microwave Tech.	\$1,076,250	Y						
BTA 11	G	1	10	2,000	\$1,000,000	\$1,025,000	American Comm.	\$1,076,250	Y	40	40				
BTA 12	C	1	20	1,500	\$1,500,000	\$1,600,000	Telecom Ventures	\$1,680,000	N			\$1,680,000	Not eligible.		
BTA 12	D	1	10	1,500	\$750,000	\$850,000	Ashley Telephone	\$892,500	N						
BTA 12	E	1	10	1,500	\$750,000	\$850,000	Microwave Tech.	\$892,500	Y						
BTA 12	F	1	10	1,500	\$750,000	\$825,000	American Comm.	\$866,250	Y						
BTA 12	G	1	10	1,500	\$750,000	\$800,000	American Comm.	\$840,000	Y	40	60				Limit exceeded.
BTA 21	C	2	20	4,000	\$4,000,000	\$4,300,000	Ashley Telephone	\$4,515,000	N						
BTA 21	D	2	10	4,000	\$2,000,000	\$2,800,000	Telecom Ventures	\$2,940,000	N						
BTA 21	E	2	10	4,000	\$2,000,000	\$2,200,000	American Comm.	\$2,310,000	Y						
BTA 21	F	2	10	4,000	\$2,000,000	\$2,000,000		\$2,000,000	Y			\$2,000,000			
BTA 21	G	2	10	4,000	\$2,000,000	\$2,750,000	Microwave Tech.	\$2,887,500	Y	10	20				Limit exceeded.
BTA 22	C	2	20	3,800	\$3,800,000	\$4,200,000	Ashley Telephone	\$4,410,000	N						
BTA 22	D	2	10	3,800	\$1,900,000	\$1,900,000		\$1,900,000	N						
BTA 22	E	2	10	3,800	\$1,900,000	\$2,300,000	American Comm.	\$2,415,000	Y			\$241,500	Bid too low.		
BTA 22	F	2	10	3,800	\$1,900,000	\$2,200,000	Vienna Telephone	\$2,310,000	Y						
BTA 22	G	2	10	3,800	\$1,900,000	\$1,950,000	Microwave Tech.	\$2,047,500	Y	10	10				

PCS Spectrum Auction Bidding Sheet

Version 1.0 © 1993 Pacific Bell

Bidder: Telecom Ventures
Waiver Request: No

BID CHECK REPORT

Auction Phase: 1
Multiplier: 3.0
Activity Level: 145

OVERALL O.K.
Minimum increment rule: O.K.
Bidding eligibility: O.K.
MHz limit rule: O.K.
Waiver use rule: O.K.
Activity level: O.K.
MHz-pop eligibility: Reduced.

Pop/MHz Eligibility

Initial 452
Current round 452
Next round 435

Waiver Used

2nd Previous No
Previous No
Current No

License	Band	Contained in MTA	Bandwidth (MHz)	POPs (thousands)	Reserve Price	Current High Bid	Identity of High Bidder	Minimum Qualifying Bid	Eligible to Bid	MHz Limit in Service Area	Current Total MHz in Service Area	New Bid	Qualifying Bid Check	Eligibility Check	MHz Limit in the Service Area Check
MTA 1	A		30	3,500	\$5,250,000	\$6,400,000	Vienna Telephone	\$6,720,000	Y						
MTA 1	B		30	3,500	\$5,250,000	\$6,200,000	Microwave Tech.	\$6,510,000	Y	30	0				
MTA 2	A		30	7,800	\$11,700,000	\$16,500,000	Vienna Telephone	\$17,325,000	Y						
MTA 2	B		30	7,800	\$11,700,000	\$15,400,000	American Comm.	\$16,170,000	Y	30	0				
BTA 11	C	1	20	2,000	\$2,000,000	\$2,100,000	Telecom Ventures	\$2,205,000	Y						
BTA 11	D	1	10	2,000	\$1,000,000	\$1,100,000	Ashley Telephone	\$1,155,000	Y			\$1,155,000			
BTA 11	E	1	10	2,000	\$1,000,000	\$1,050,000	Vienna Telephone	\$1,102,500	Y						
BTA 11	F	1	10	2,000	\$1,000,000	\$1,025,000	Microwave Tech.	\$1,076,250	Y			\$1,077,000			
BTA 11	G	1	10	2,000	\$1,000,000	\$1,025,000	American Comm.	\$1,076,250	Y	40	40				
BTA 12	C	1	20	1,500	\$1,500,000	\$1,600,000	Telecom Ventures	\$1,680,000	Y						
BTA 12	D	1	10	1,500	\$750,000	\$850,000	Ashley Telephone	\$892,500	Y			\$895,000			
BTA 12	E	1	10	1,500	\$750,000	\$850,000	Microwave Tech.	\$892,500	Y						
BTA 12	F	1	10	1,500	\$750,000	\$825,000	American Comm.	\$866,250	Y						
BTA 12	G	1	10	1,500	\$750,000	\$800,000	American Comm.	\$840,000	Y	40	30				
BTA 21	C	2	20	4,000	\$4,000,000	\$4,300,000	Ashley Telephone	\$4,515,000	Y			\$4,515,000			
BTA 21	D	2	10	4,000	\$2,000,000	\$2,800,000	Telecom Ventures	\$2,940,000	Y						
BTA 21	E	2	10	4,000	\$2,000,000	\$2,200,000	American Comm.	\$2,310,000	Y						
BTA 21	F	2	10	4,000	\$2,000,000			\$2,000,000	Y						
BTA 21	G	2	10	4,000	\$2,000,000	\$2,750,000	Microwave Tech.	\$2,887,500	Y	40	30				
BTA 22	C	2	20	3,800	\$3,800,000	\$4,200,000	Ashley Telephone	\$4,410,000	Y			\$4,410,000			
BTA 22	D	2	10	3,800	\$1,900,000			\$1,900,000	Y						
BTA 22	E	2	10	3,800	\$1,900,000	\$2,300,000	American Comm.	\$2,415,000	Y						
BTA 22	F	2	10	3,800	\$1,900,000	\$2,200,000	Vienna Telephone	\$2,310,000	Y						
BTA 22	G	2	10	3,800	\$1,900,000	\$1,950,000	Microwave Tech.	\$2,047,500	Y	40	20				

PCS Spectrum Auction Bidding Sheet

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Bidder: Vienna Telephone
Waiver Request: No

BID CHECK REPORT

Auction Phase: 1
Multiplier: 3.0
Activity Level: 412

OVERALL O.K.
Minimum increment rule: O.K.
Bidding eligibility: O.K.
MHz limit rule: O.K.
Waiver use rule: O.K.
Activity level: O.K.
MHz-pop eligibility: Unchanged.

PopMHz Eligibility
Initial 452
Current round 452
Next round 452

Waiver Used
2nd Previous No
Previous No
Current No

										Vienna Telephone		Warning Messages		
										Current				
										MHz Limit	Total MHz			
										in Service	in Service			
										Area	Area			
License	Band	Contained in MTA	Bandwidth (MHz)	POPs (thousands)	Reserve Price	Current High Bid	Identity of High Bidder	Minimum Qualifying Bid	Eligible to Bid			New Bid	Qualifying Bid Check	MHz Limit in the Service Area
MTA 1	A		30	3,500	\$5,250,000	\$6,400,000	Vienna Telephone	\$6,720,000	Y					
MTA 1	B		30	3,500	\$5,250,000	\$6,200,000	Microwave Tech.	\$6,510,000	Y	30	30			
MTA 2	A		30	7,800	\$11,700,000	\$16,500,000	Vienna Telephone	\$17,325,000	Y					
MTA 2	B		30	7,800	\$11,700,000	\$15,400,000	American Comm.	\$16,170,000	Y	30	30			
BTA 11	C	1	20	2,000	\$2,000,000	\$2,100,000	Telecom Ventures	\$2,205,000	N					
BTA 11	D	1	10	2,000	\$1,000,000	\$1,100,000	Ashley Telephone	\$1,155,000	N					
BTA 11	E	1	10	2,000	\$1,000,000	\$1,050,000	Vienna Telephone	\$1,102,500	Y					
BTA 11	F	1	10	2,000	\$1,000,000	\$1,025,000	Microwave Tech.	\$1,076,250	Y					
BTA 11	G	1	10	2,000	\$1,000,000	\$1,025,000	American Comm.	\$1,076,250	Y	40	40			
BTA 12	C	1	20	1,500	\$1,500,000	\$1,600,000	Telecom Ventures	\$1,680,000	N					
BTA 12	D	1	10	1,500	\$750,000	\$850,000	Ashley Telephone	\$892,500	N					
BTA 12	E	1	10	1,500	\$750,000	\$850,000	Microwave Tech.	\$892,500	Y			\$900,000		
BTA 12	F	1	10	1,500	\$750,000	\$825,000	American Comm.	\$866,250	Y					
BTA 12	G	1	10	1,500	\$750,000	\$800,000	American Comm.	\$840,000	Y	40	40			
BTA 21	C	2	20	4,000	\$4,000,000	\$4,300,000	Ashley Telephone	\$4,515,000	N					
BTA 21	D	2	10	4,000	\$2,000,000	\$2,800,000	Telecom Ventures	\$2,940,000	N					
BTA 21	E	2	10	4,000	\$2,000,000	\$2,200,000	American Comm.	\$2,310,000	Y					
BTA 21	F	2	10	4,000	\$2,000,000	\$2,000,000		\$2,000,000	Y			\$2,000,000		
BTA 21	G	2	10	4,000	\$2,000,000	\$2,750,000	Microwave Tech.	\$2,887,500	Y	40	40			
BTA 22	C	2	20	3,800	\$3,800,000	\$4,200,000	Ashley Telephone	\$4,410,000	N					
BTA 22	D	2	10	3,800	\$1,900,000	\$1,900,000		\$1,900,000	N					
BTA 22	E	2	10	3,800	\$1,900,000	\$2,300,000	American Comm.	\$2,415,000	Y					
BTA 22	F	2	10	3,800	\$1,900,000	\$2,200,000	Vienna Telephone	\$2,310,000	Y					
BTA 22	G	2	10	3,800	\$1,900,000	\$1,950,000	Microwave Tech.	\$2,047,500	Y	40	40			

PCS Spectrum Auction Bidding Sheet

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Bidder: American Comm.
Waiver Request: No

BID CHECK REPORT

Auction Phase: 1
Multiplier: 3.0
Activity Level: 362

OVERALL O.K.
Minimum increment rule: O.K.
Bidding eligibility: O.K.
MHz limit rule: O.K.
Waiver use rule: O.K.
Activity level: O.K.
MHz-pop eligibility: Unchanged.

PopMHz Eligibility		Waiver Used	
Initial	452	2nd Previous	No
Current round	452	Previous	No
Next round	452	Current	No

									American Comm.		Warning Messages	
									Current			
									MHz Limit	Total MHz		
									in Service	in Service		
									Area	Area		
									Eligible to	New Bid		
									Bid		Qualifying Bid Check	MHz Limit in Service Area Check
License	Band	Contained in MTA	Bandwidth (MHz)	POPs (thousands)	Reserve Price	Current High Bid	Identity of High Bidder	Minimum Qualifying Bid				
MTA 1	A		30	3,500	\$5,250,000	\$6,400,000	Vienna Telephone	\$6,720,000	Y			
MTA 1	B		30	3,500	\$5,250,000	\$6,200,000	Microwave Tech.	\$6,510,000	Y	30	0	
MTA 2	A		30	7,800	\$11,700,000	\$16,500,000	Vienna Telephone	\$17,325,000	Y			
MTA 2	B		30	7,800	\$11,700,000	\$15,400,000	American Comm.	\$16,170,000	Y	30	30	
BTA 11	C	1	20	2,000	\$2,000,000	\$2,100,000	Telecom Ventures	\$2,205,000	N			
BTA 11	D	1	10	2,000	\$1,000,000	\$1,100,000	Ashley Telephone	\$1,155,000	N			
BTA 11	E	1	10	2,000	\$1,000,000	\$1,050,000	Vienna Telephone	\$1,102,500	Y			
BTA 11	F	1	10	2,000	\$1,000,000	\$1,025,000	Microwave Tech.	\$1,076,250	Y			
BTA 11	G	1	10	2,000	\$1,000,000	\$1,025,000	American Comm.	\$1,076,250	Y	40	10	
BTA 12	C	1	20	1,500	\$1,500,000	\$1,600,000	Telecom Ventures	\$1,680,000	N			
BTA 12	D	1	10	1,500	\$750,000	\$850,000	Ashley Telephone	\$892,500	N			
BTA 12	E	1	10	1,500	\$750,000	\$850,000	Microwave Tech.	\$892,500	Y			
BTA 12	F	1	10	1,500	\$750,000	\$825,000	American Comm.	\$866,250	Y			
BTA 12	G	1	10	1,500	\$750,000	\$800,000	American Comm.	\$840,000	Y	40	20	
BTA 21	C	2	20	4,000	\$4,000,000	\$4,300,000	Ashley Telephone	\$4,515,000	N			
BTA 21	D	2	10	4,000	\$2,000,000	\$2,800,000	Telecom Ventures	\$2,940,000	N			
BTA 21	E	2	10	4,000	\$2,000,000	\$2,200,000	American Comm.	\$2,310,000	Y			
BTA 21	F	2	10	4,000	\$2,000,000			\$2,000,000	Y			
BTA 21	G	2	10	4,000	\$2,000,000	\$2,750,000	Microwave Tech.	\$2,887,500	Y	40	40	
BTA 22	C	2	20	3,800	\$3,800,000	\$4,200,000	Ashley Telephone	\$4,410,000	N			
BTA 22	D	2	10	3,800	\$1,900,000			\$1,900,000	N			
BTA 22	E	2	10	3,800	\$1,900,000	\$2,300,000	American Comm.	\$2,415,000	Y			
BTA 22	F	2	10	3,800	\$1,900,000	\$2,200,000	Vienna Telephone	\$2,310,000	Y			
BTA 22	G	2	10	3,800	\$1,900,000	\$1,950,000	Microwave Tech.	\$2,047,500	Y	40	40	

PCS Spectrum Auction Bidding Sheet

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Bidder: Ashley Telephone
Waiver Request: No

BID CHECK REPORT

Auction Phase: 1
Multiplier: 3.0
Activity Level: 191

OVERALL O.K.
Minimum increment rule: O.K.
Bidding eligibility: O.K.
MHz limit rule: O.K.
Waiver use rule: O.K.
Activity level: O.K.
MHz-pop eligibility: Unchanged.

Pop/MHz Eligibility		Waiver Used	
Initial	452	2nd Previous	No
Current round	452	Previous	No
Next round	452	Current	No

License	Band	Contained in MTA	Bandwidth (MHz)	POPs (thousands)	Reserve Price	Current High Bid	Identity of High Bidder	Minimum Qualifying Bid	Eligible to Bid	MHz Limit in Service Area	Current Total MHz in Service Area	New Bid	Qualifying Bid Check	Eligibility Check	MHz Limit in the Service Area Check
MTA 1	A		30	3,500	\$5,250,000	\$6,400,000	Vienna Telephone	\$6,720,000	Y						
MTA 1	B		30	3,500	\$5,250,000	\$6,200,000	Microwave Tech.	\$6,510,000	Y	30	0				
MTA 2	A		30	7,800	\$11,700,000	\$16,500,000	Vienna Telephone	\$17,325,000	Y						
MTA 2	B		30	7,800	\$11,700,000	\$15,400,000	American Comm.	\$16,170,000	Y	30	0				
BTA 11	C	1	20	2,000	\$2,000,000	\$2,100,000	Telecom Ventures	\$2,205,000	Y						
BTA 11	D	1	10	2,000	\$1,000,000	\$1,100,000	Ashley Telephone	\$1,155,000	Y						
BTA 11	E	1	10	2,000	\$1,000,000	\$1,050,000	Vienna Telephone	\$1,102,500	Y						
BTA 11	F	1	10	2,000	\$1,000,000	\$1,025,000	Microwave Tech.	\$1,076,250	Y						
BTA 11	G	1	10	2,000	\$1,000,000	\$1,025,000	American Comm.	\$1,076,250	Y	40	10				
BTA 12	C	1	20	1,500	\$1,500,000	\$1,600,000	Telecom Ventures	\$1,680,000	Y						
BTA 12	D	1	10	1,500	\$750,000	\$850,000	Ashley Telephone	\$892,500	Y						
BTA 12	E	1	10	1,500	\$750,000	\$850,000	Microwave Tech.	\$892,500	Y						
BTA 12	F	1	10	1,500	\$750,000	\$825,000	American Comm.	\$866,250	Y						
BTA 12	G	1	10	1,500	\$750,000	\$800,000	American Comm.	\$840,000	Y	40	10				
BTA 21	C	2	20	4,000	\$4,000,000	\$4,300,000	Ashley Telephone	\$4,515,000	Y						
BTA 21	D	2	10	4,000	\$2,000,000	\$2,800,000	Telecom Ventures	\$2,940,000	Y						
BTA 21	E	2	10	4,000	\$2,000,000	\$2,200,000	American Comm.	\$2,310,000	Y						
BTA 21	F	2	10	4,000	\$2,000,000			\$2,000,000	Y						
BTA 21	G	2	10	4,000	\$2,000,000	\$2,750,000	Microwave Tech.	\$2,887,500	Y	40	20				
BTA 22	C	2	20	3,800	\$3,800,000	\$4,200,000	Ashley Telephone	\$4,410,000	Y						
BTA 22	D	2	10	3,800	\$1,900,000			\$1,900,000	Y						
BTA 22	E	2	10	3,800	\$1,900,000	\$2,300,000	American Comm.	\$2,415,000	Y						
BTA 22	F	2	10	3,800	\$1,900,000	\$2,200,000	Vienna Telephone	\$2,310,000	Y						
BTA 22	G	2	10	3,800	\$1,900,000	\$1,950,000	Microwave Tech.	\$2,047,500	Y	40	20				

PCS Spectrum Auction Bidding Sheet

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Bidder: Microwave Tech.
Waiver Request: No

Auction Phase: 1
Multiplier: 3.0
Activity Level: 218

Pop/MHz Eligibility	Waiver Used
Initial 218	2nd Previous No
Current round 218	Previous No
Next round 218	Current No

BID CHECK REPORT

OVERALL	O.K.
Minimum increment rule:	O.K.
Bidding eligibility:	O.K.
MHz limit rule:	O.K.
Waiver use rule:	O.K.
Activity level:	O.K.
MHz-pop eligibility	Unchanged.

									Microwave Tech.				Warning Messages		
License	Band	Contained in MTA	Bandwidth (MHz)	POPs (thousands)	Reserve Price	Current High Bid	Identity of High Bidder	Minimum Qualifying Bid	Eligible to Bid	MHz Limit in Service Area	Current Total MHz in Service Area	New Bid	Qualifying Bid Check	Eligibility Check	MHz Limit in the Service Area
MTA 1	A		30	3,500	\$5,250,000	\$6,400,000	Vienna Telephone	\$6,720,000	Y						
MTA 1	B		30	3,500	\$5,250,000	\$6,200,000	Microwave Tech.	\$6,510,000	Y	30	30				
MTA 2	A		30	7,800	\$11,700,000	\$16,500,000	Vienna Telephone	\$17,325,000	N						
MTA 2	B		30	7,800	\$11,700,000	\$15,400,000	American Comm.	\$16,170,000	N	0	0				
BTA 11	C	1	20	2,000	\$2,000,000	\$2,100,000	Telecom Ventures	\$2,205,000	N						
BTA 11	D	1	10	2,000	\$1,000,000	\$1,100,000	Ashley Telephone	\$1,155,000	N						
BTA 11	E	1	10	2,000	\$1,000,000	\$1,050,000	Vienna Telephone	\$1,102,500	Y						
BTA 11	F	1	10	2,000	\$1,000,000	\$1,025,000	Microwave Tech.	\$1,076,250	Y						
BTA 11	G	1	10	2,000	\$1,000,000	\$1,025,000	American Comm.	\$1,076,250	Y	40	40				
BTA 12	C	1	20	1,500	\$1,500,000	\$1,600,000	Telecom Ventures	\$1,680,000	N						
BTA 12	D	1	10	1,500	\$750,000	\$850,000	Ashley Telephone	\$892,500	N						
BTA 12	E	1	10	1,500	\$750,000	\$850,000	Microwave Tech.	\$892,500	Y						
BTA 12	F	1	10	1,500	\$750,000	\$825,000	American Comm.	\$866,250	Y						
BTA 12	G	1	10	1,500	\$750,000	\$800,000	American Comm.	\$840,000	Y	40	40				
BTA 21	C	2	20	4,000	\$4,000,000	\$4,300,000	Ashley Telephone	\$4,515,000	N						
BTA 21	D	2	10	4,000	\$2,000,000	\$2,800,000	Telecom Ventures	\$2,940,000	N						
BTA 21	E	2	10	4,000	\$2,000,000	\$2,200,000	American Comm.	\$2,310,000	Y						
BTA 21	F	2	10	4,000	\$2,000,000			\$2,000,000	Y						
BTA 21	G	2	10	4,000	\$2,000,000	\$2,750,000	Microwave Tech.	\$2,887,500	Y	10	10				
BTA 22	C	2	20	3,800	\$3,800,000	\$4,200,000	Ashley Telephone	\$4,410,000	N						
BTA 22	D	2	10	3,800	\$1,900,000			\$1,900,000	N						
BTA 22	E	2	10	3,800	\$1,900,000	\$2,300,000	American Comm.	\$2,415,000	Y						
BTA 22	F	2	10	3,800	\$1,900,000	\$2,200,000	Vienna Telephone	\$2,310,000	Y						
BTA 22	G	2	10	3,800	\$1,900,000	\$1,950,000	Microwave Tech.	\$2,047,500	Y	10	10				

PCS Spectrum Auction Bidding Sheet

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Bidder: Telecom Ventures
Waiver Request: No

Auction Phase: 1
Multiplier: 3.0
Activity Level: 110

PopMHz Eligibility

Initial 452
Current round 452
Next round 330

Waiver Used

2nd Previous No
Previous No
Current No

BID CHECK REPORT

OVERALL O.K.
Minimum increment rule: O.K.
Bidding eligibility: O.K.
MHz limit rule: O.K.
Waiver use rule: O.K.
Activity level: O.K.
MHz-pop eligibility Reduced.

License	Band	Contained in MTA	Bandwidth (MHz)	POPs (thousands)	Reserve Price	Current High Bid	Identity of High Bidder	Minimum Qualifying Bid	Eligible to Bid	MHz Limit in Service Area	Current Total MHz in Service Area	New Bid	Qualifying Bid Check	Eligibility Check	MHz Limit in the Service Area Check
MTA 1	A		30	3,500	\$5,250,000	\$6,400,000	Vienna Telephone	\$6,720,000	Y						
MTA 1	B		30	3,500	\$5,250,000	\$6,200,000	Microwave Tech.	\$6,510,000	Y	30	0				
MTA 2	A		30	7,800	\$11,700,000	\$16,500,000	Vienna Telephone	\$17,325,000	Y						
MTA 2	B		30	7,800	\$11,700,000	\$15,400,000	American Comm.	\$16,170,000	Y	30	0				
BTA 11	C	1	20	2,000	\$2,000,000	\$2,100,000	Telecom Ventures	\$2,205,000	Y						
BTA 11	D	1	10	2,000	\$1,000,000	\$1,100,000	Ashley Telephone	\$1,155,000	Y						
BTA 11	E	1	10	2,000	\$1,000,000	\$1,050,000	Vienna Telephone	\$1,102,500	Y						
BTA 11	F	1	10	2,000	\$1,000,000	\$1,025,000	Microwave Tech.	\$1,076,250	Y						
BTA 11	G	1	10	2,000	\$1,000,000	\$1,025,000	American Comm.	\$1,076,250	Y	40	20				
BTA 12	C	1	20	1,500	\$1,500,000	\$1,600,000	Telecom Ventures	\$1,680,000	Y						
BTA 12	D	1	10	1,500	\$750,000	\$850,000	Ashley Telephone	\$892,500	Y						
BTA 12	E	1	10	1,500	\$750,000	\$850,000	Microwave Tech.	\$892,500	Y						
BTA 12	F	1	10	1,500	\$750,000	\$825,000	American Comm.	\$866,250	Y						
BTA 12	G	1	10	1,500	\$750,000	\$800,000	American Comm.	\$840,000	Y	40	20				
BTA 21	C	2	20	4,000	\$4,000,000	\$4,300,000	Ashley Telephone	\$4,515,000	Y						
BTA 21	D	2	10	4,000	\$2,000,000	\$2,800,000	Telecom Ventures	\$2,940,000	Y						
BTA 21	E	2	10	4,000	\$2,000,000	\$2,200,000	American Comm.	\$2,310,000	Y						
BTA 21	F	2	10	4,000	\$2,000,000			\$2,000,000	Y						
BTA 21	G	2	10	4,000	\$2,000,000	\$2,750,000	Microwave Tech.	\$2,887,500	Y	40	10				
BTA 22	C	2	20	3,800	\$3,800,000	\$4,200,000	Ashley Telephone	\$4,410,000	Y						
BTA 22	D	2	10	3,800	\$1,900,000			\$1,900,000	Y						
BTA 22	E	2	10	3,800	\$1,900,000	\$2,300,000	American Comm.	\$2,415,000	Y						
BTA 22	F	2	10	3,800	\$1,900,000	\$2,200,000	Vienna Telephone	\$2,310,000	Y						
BTA 22	G	2	10	3,800	\$1,900,000	\$1,950,000	Microwave Tech.	\$2,047,500	Y	40	0				

PCS Spectrum Auction Bidding Sheet

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Bidder: **Vienna Telephone**
Waiver Request: No

BID CHECK REPORT

Auction Phase: 1
Multiplier: 3.0
Activity Level: 397

OVERALL O.K.
Minimum increment rule: O.K.
Bidding eligibility: O.K.
MHz limit rule: O.K.
Waiver use rule: O.K.
Activity level: O.K.
MHz-pop eligibility: Unchanged.

PopMHz Eligibility		Waiver Used	
Initial	452	2nd Previous	No
Current round	452	Previous	No
Next round	452	Current	No

										Vienna Telephone		Warning Messages		
										Current				
										MHz Limit	Total MHz			
										in Service	in Service			
										Area	Area			
										New Bid				
License	Band	Contained in MTA	Bandwidth (MHz)	POPs (thousands)	Reserve Price	Current High Bid	Identity of High Bidder	Minimum Qualifying Bid	Eligible to Bid			Qualifying Bid Check	Eligibility Check	MHz Limit in the Service Area Check
MTA 1	A		30	3,500	\$5,250,000	\$6,400,000	Vienna Telephone	\$6,720,000	Y					
MTA 1	B		30	3,500	\$5,250,000	\$6,200,000	Microwave Tech.	\$6,510,000	Y	30	30			
MTA 2	A		30	7,800	\$11,700,000	\$16,500,000	Vienna Telephone	\$17,325,000	Y					
MTA 2	B		30	7,800	\$11,700,000	\$15,400,000	American Comm.	\$16,170,000	Y	30	30			
BTA 11	C	1	20	2,000	\$2,000,000	\$2,100,000	Telecom Ventures	\$2,205,000	N					
BTA 11	D	1	10	2,000	\$1,000,000	\$1,100,000	Ashley Telephone	\$1,155,000	N					
BTA 11	E	1	10	2,000	\$1,000,000	\$1,050,000	Vienna Telephone	\$1,102,500	Y					
BTA 11	F	1	10	2,000	\$1,000,000	\$1,025,000	Microwave Tech.	\$1,076,250	Y					
BTA 11	G	1	10	2,000	\$1,000,000	\$1,025,000	American Comm.	\$1,076,250	Y	40	40			
BTA 12	C	1	20	1,500	\$1,500,000	\$1,600,000	Telecom Ventures	\$1,680,000	N					
BTA 12	D	1	10	1,500	\$750,000	\$850,000	Ashley Telephone	\$892,500	N					
BTA 12	E	1	10	1,500	\$750,000	\$850,000	Microwave Tech.	\$892,500	Y					
BTA 12	F	1	10	1,500	\$750,000	\$825,000	American Comm.	\$866,250	Y					
BTA 12	G	1	10	1,500	\$750,000	\$800,000	American Comm.	\$840,000	Y	40	30			
BTA 21	C	2	20	4,000	\$4,000,000	\$4,300,000	Ashley Telephone	\$4,515,000	N					
BTA 21	D	2	10	4,000	\$2,000,000	\$2,800,000	Telecom Ventures	\$2,940,000	N					
BTA 21	E	2	10	4,000	\$2,000,000	\$2,200,000	American Comm.	\$2,310,000	Y					
BTA 21	F	2	10	4,000	\$2,000,000	\$2,000,000		\$2,000,000	Y					
BTA 21	G	2	10	4,000	\$2,000,000	\$2,750,000	Microwave Tech.	\$2,887,500	Y	40	30			
BTA 22	C	2	20	3,800	\$3,800,000	\$4,200,000	Ashley Telephone	\$4,410,000	N					
BTA 22	D	2	10	3,800	\$1,900,000	\$1,900,000		\$1,900,000	N					
BTA 22	E	2	10	3,800	\$1,900,000	\$2,300,000	American Comm.	\$2,415,000	Y					
BTA 22	F	2	10	3,800	\$1,900,000	\$2,200,000	Vienna Telephone	\$2,310,000	Y					
BTA 22	G	2	10	3,800	\$1,900,000	\$1,950,000	Microwave Tech.	\$2,047,500	Y	40	40			